

IN THE CLAIMS

1-46 (canceled)

47. (currently amended) A projectile comprising

a penetrating core having a front and a rear;

a fragmenting core having a front and a rear; and

a jacket having a rear;

wherein the rear of the jacket is in contact with the rear of the fragmenting core, wherein the rear of the penetrating core is in contact with the front of the penetrating core; and wherein the jacket contains the front and rear cores and the projectile is a fragmenting projectile

~~a hard penetrating core and fragmenting soft core having a cavity therein to receive the hard penetrating core, wherein the hard penetrating core penetrates said fragmenting soft core upon impact; wherein the hard penetrating core is made of a material that is harder than that of the fragmenting soft core and, as seen in the direction of the trajectory of the projectile, is arranged in front of said fragmenting soft core, wherein said fragmenting soft core and said hard penetrating core are completely surrounded by a jacket lying entirely on the periphery of the partial fragmentation projectile, wherein the shape of a rear of said hard penetrating core and the shape of the nose of said fragmenting soft core are harmonized with the fragmentation characteristics required for the projectile, depending on the caliber and impact speed and the nature of the quarry, wherein a conical shape is provided for cleaving, a depression shaped shape for mushrooming or a bell shape for the combined mushrooming and cleaving of the projectile core, wherein the projectile is a partial fragmentation projectile.~~

48. (currently amended) A ~~partial fragmentation~~ projectile according to claim 47, wherein a ~~nose~~ front of said fragmenting ~~soft~~ core has a recess which is arranged centered on a ~~the~~ midline of the projectile.

49. (currently amended) A ~~partial fragmentation~~ projectile according to claim 48, wherein said recess in said fragmenting ~~soft~~ core is conical, depression-shaped or bell-shaped.

50. (currently amended) A ~~partial fragmentation~~ projectile according to claim 49, wherein said recess in said fragmenting ~~soft~~ core is conical recess having a tip angle, wherein the tip angle of the conical recess is between 30° and 90°.

51. (currently amended) A ~~partial fragmentation~~ projectile according to claim 48, wherein a cavity adjoins said recess in said fragmenting ~~soft~~ core, which is arranged centered on the midline of the projectile.

52. (currently amended) A ~~partial fragmentation~~ projectile according to claim 51, wherein said cavity extends inwards for not more than $\frac{3}{4}$ of the length of said fragmenting ~~soft~~ core of the projectile.

53. (currently amended) A ~~partial fragmentation~~ projectile according to claim 48, wherein said recess in said fragmenting ~~soft~~ core is surrounded by a circular annular surface and that ~~this~~ the circular annular surface is perpendicular to the midline of the partial fragmentation projectile.

54. (currently amended) A ~~partial fragmentation~~ projectile according to claim 47, wherein the shape of the rear of said ~~hard~~ penetrating core is matched to the respective shape of the recess of fragmenting ~~soft projectile~~ core.

55. (currently amended) A ~~partial fragmentation~~ projectile according to claim 54, wherein the rear of said ~~hard~~ penetrating core matched to the nose of said fragmenting ~~soft~~ core is surrounded by a circular annular surface and that this circular annular surface is perpendicular to the midline of the partial fragmentation projectile.

56. (currently amended) A ~~partial fragmentation~~ projectile according to claim 47, wherein said ~~hard~~ penetrating core is made of lead free materials.

57. (currently amended) A ~~partial fragmentation~~ projectile according to claim 56, wherein the nose of said ~~hard~~ penetrating core is designed as a flat head or with a hole at a tip of said ~~hard~~ penetrating core.

58. (currently amended) A ~~partial fragmentation~~ projectile according to claim 47,

wherein a tip of the projectile has a shape matched to required flight characteristics.

59. (currently amended) A ~~partial fragmentation~~ projectile according to claim 58, further comprising a projectile cover in the form of a cap.

60. (currently amended) A ~~partial fragmentation~~ projectile according to claim 58, wherein the projectile has a solid tip.

61. (currently amended) A ~~partial fragmentation~~ projectile according to claim 60, wherein the solid tip has a shaft on the rear side which extends into the ~~hard~~ penetrating core.

62. (currently amended) A ~~partial fragmentation~~ projectile according to claim 60, wherein the projectile comprises a biodegradable plastic.

63. (currently amended) A ~~partial fragmentation~~ projectile according to claim 47, wherein the projectile has a sharp edge.

64. (currently amended) A ~~partial fragmentation~~ projectile according to claim 63, wherein the sharp edge is formed by a crimping in the jacket of the projectile at a ~~at the~~ transition point between the ~~hard~~ penetrating core and said fragmenting ~~soft~~ core.

65. (currently amended) A ~~partial fragmentation~~ projectile according to claim 47, wherein the thickness of a wall of the jacket of the projectile decreases from a rear of the projectile to a sharp edge thereof.

66. (currently amended) A ~~partial fragmentation~~ projectile according to claim 47, wherein the thickness of a wall of projectile jacket in a narrowing part of the projectile is less than in a cylindrical part.

67. (currently amended) A ~~partial fragmentation~~ projectile according to claim 47, wherein the projectile consists of a lead-free material.

68. (currently amended) A ~~partial fragmentation~~ projectile according to claim 67, wherein said lead free material is selected from the group consisting of a plastic, a synthetic resin, and a metallic material selected from the group consisting of copper, tin, zinc, iron,

tungsten, silver, aluminum, tantalum, vanadium and an alloy of the metallic materials.

Claims 69-83 (canceled)

84. (currently amended) A ~~partial fragmentation~~ projectile comprising a hard penetrating core and fragmenting soft core having a cavity therein to receive the hard penetrating core, wherein the hard penetrating core penetrates said fragmenting soft core upon impact; wherein the projectile is a partial fragmentation projectile, and wherein the hard penetrating core is made of a material that is harder than that of the fragmenting soft core and, as seen in the direction of the trajectory of the projectile, is arranged in front of said fragmenting soft core, wherein said fragmenting soft core and said hard penetrating core are completely surrounded by a jacket lying entirely on the periphery of the partial fragmentation projectile, wherein the shape of a rear of said hard penetrating core and the shape of the nose of said fragmenting soft core are harmonized with the fragmentation characteristics required for the projectile, depending on the caliber and impact speed and the nature of the quarry, wherein the shape of the rear of said hard penetrating core is matched to the respective shape of the recess of fragmenting soft projectile core and wherein the rear of said hard penetrating core matched to the nose of said fragmenting soft core is surrounded by a circular annular surface and that this circular annular surface is perpendicular to the midline of the partial fragmentation projectile.

85. (new) The projectile of claim 47, wherein the jacket is solid around the periphery thereof.

86. (new) A projectile consisting of:

a penetrating core having a front and a rear;

a fragmenting core having a front and a rear; and

a jacket having a rear;

wherein the rear of the jacket is in contact with the rear of the fragmenting core, wherein the rear of the penetrating core is in contact with the front of the penetrating core; and wherein the jacket contains the front and rear cores and the projectile is a fragmenting projectile.

87. (new) The projectile of claim 47, wherein the jacket is opened at an end extending beyond the front of the hard core.

88. (new) The projectile of claim 87, wherein the open end of the jacket has a projectile tip seated therein.